

Weekly Report of the 9th week

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Done

- Read the relevant papers. I have read **Community structure in social and biological networks**, **Detecting community structure in networks** to understand the algorithm of community detection.
- Search JAVA tool library which implement the community detection algorithm. I found that JUNG(the Java Universal Network/Graph Framework) is quite suitable for us. It implements Mark Newman's edge betweenness clustering algorithm.
- Read the samples and the source code given by JUNG. I found out how it implements and how to use it.

To Do

- Elite Character Project:
 - Design and Add the information panel
- HUAWEI
 - Increase the dendrogram generation function based on the implementation of JUNG.